

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEO I P E
JAN 08 2007
PATENT & TRADEMARK OFFICEATTY. DOCKET NO.
PDY-0006.1-CONAPPLICATION NO.
10/736,680INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANT
Andrew Chang et al.FILING DATE
December 17, 2003GROUP ART UNIT
2616 Examiner Schick Hom

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
| SH | AA | 4,683,564 | 07/28/87 | Young et al. | 370 | 63 | |
| SH | AB | 4,791,629 | 12/13/88 | Burns et al. | 370 | 85 | |
| SH | AC | 4,807,280 | 02/21/89 | Posner et al. | 379 | 272 | |
| SH | AD | 4,876,681 | 10/24/89 | Hagiwara et al. | 370 | 60 | |
| SH | AE | 4,985,889 | 01/15/91 | Frankish et al. | 370 | 94.1 | |
| SH | AF | 5,101,404 | 03/31/92 | Kunimoto et al. | 370 | 60 | |
| SH | AG | 5,307,345 | 04/26/94 | Lozowick et al. | 370 | 61 | |
| SH | AH | 5,323,386 | 06/21/94 | Wiher et al. | 370 | 389 | |
| SH | AI | 5,365,512 | 11/15/94 | Combs et al. | 370 | 16 | |
| SH | AJ | 5,390,173 | 02/14/95 | Spinney et al. | 370 | 60 | |
| SH | AK | 5,392,279 | 02/21/95 | Taniguchi | 370 | 380 | |
| SH | AL | 5,408,469 | 04/18/95 | Opher et al. | 370 | 60 | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|--|--------------------|------|---------|-------------|----|
| | | | | | YES | NO |
| | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|----|----|--|--|
| SH | AM | | 10 Gigabit Ethernet – Technology Overview White Paper, September 2001, 16 pages. |
| SH | AN | | 10 Gigabit Ethernet Alliance, Interconnection with Wide Area Networks, Version 1.0, March 2002, 5 pages. |
| SH | AO | | Degermark, M., et al., "Small Forwarding Tables for Fast Routing Lookups," ACM Computer Communications Review 27(4):3-14, October 1997 |
| | | | |

EXAMINER /Shick Hom/

DATE CONSIDERED 02/07/2007

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| | | |
|--|-----------------------------------|--------------------------|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. | APPLICATION NO. |
| | FDRY-0006.1-CON | 10/736,680 |
| | APPLICANT: Andrew Chang et al. | |
| | FILING DATE | GROUP ART UNIT |
| | December 17, 2003 | 2616 Examiner Schick Hom |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| SH | BA | 5,546,385 | 08/13/96 | Caspi et al. | 370 | 58.2 | |
| SH | BB | 5,598,410 | 01/28/97 | Stone | 370 | 469 | |
| SH | BC | 5,619,497 | 04/08/97 | Gallagher et al. | 370 | 394 | |
| SH | BD | 5,640,504 | 06/17/97 | Johnson, Jr. | 714 | 4 | |
| SH | BE | 5,663,959 | 09/02/97 | Nakagawa et al. | 370 | 395 | |
| SH | BF | 5,666,353 | 09/09/97 | Klausmeier et al. | 370 | 230 | |
| SH | BG | 5,838,684 | 11/17/98 | Wicki et al. | 370 | 416 | |
| SH | BH | 5,862,350 | 01/19/99 | Coulson | 395 | 283 | |
| SH | BI | 5,867,675 | 02/02/99 | Lomelino et al. | 395 | 309 | |
| SH | BJ | 5,872,783 | 02/16/99 | Chin | 370 | 392 | |
| SH | BK | 5,907,566 | 05/25/99 | Benson et al. | 371 | 47.1 | |
| SH | BL | 5,909,686 | 06/01/99 | Muller et al. | 707 | 104 | |
| SH | BM | 6,023,471 | 02/08/00 | Haddock et al. | 370 | 426 | |
| SH | BN | 6,023,471 | 02/08/00 | Haddock et al. | 370 | 426 | |
| SH | BO | 6,035,414 | 03/07/00 | Okazawa et al. | 714 | 7 | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|----|--|
| SH | BP | Foundry Networks, "Foundry Networks, "Next Generation Terabit System Architecture – The High Performance Revolution for 10 Gigabit Networks," November 17, 2003. |
| SH | BQ | Gigabit Ethernet Alliance – "Accelerating the Standard for Speed," Copyright 1998, 10 pages. |
| SH | BR | Foundry Networks, "JetCore™ Based Chassis Systems – An Architecture Brief on NetIron, BigIron, and FastIron Systems," January 17, 2003. |
| SH | BS | Foundry Networks, "Foundry Networks, "Next Generation Terabit System Architecture – The High Performance Revolution for 10 Gigabit Networks," November 17, 2003. |
| SH | BT | McAuley, A., et al., "Fast Routing Table Lookup Using CAMs," Proceedings of INFOCOM, March-April 1993, pp. 1382-1391. |
| | | |

| | | | |
|---|-------------|-----------------|------------|
| EXAMINER | /Shick Hom/ | DATE CONSIDERED | 02/07/2007 |
| * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s). | | | |

| | | |
|--|---------------------|--------------------------|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. | APPLICATION NO. |
| | FDRY-0006.1-CON | 10/736,680 |
| | APPLICANT | |
| | Andrew Chang et al. | |
| | FILING DATE | GROUP ART UNIT |
| | December 17, 2003 | 2616 Examiner Schick Hom |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|--------------------|-------|----------|-------------------------------|
| SH | CA | 6,076,115 | 06/13/00 | Sambamurthy et al. | 709 | 250 | |
| SH | CB | 6,088,356 | 07/11/00 | Hendel et al. | 370 | 392 | |
| SH | CC | 6,094,434 | 07/25/00 | Kotzur et al. | 370 | 401 | |
| SH | CD | 6,118,787 | 09/12/00 | Kalkunte et al. | 370 | 445 | |
| SH | CE | 6,125,417 | 09/26/00 | Bailis et al. | 710 | 103 | |
| SH | CF | 6,144,668 | 11/07/00 | Bass et al. | 370 | 401 | |
| SH | CG | 6,154,446 | 11/28/00 | Kadambi et al. | 370 | 239 | |
| SH | CH | 6,157,643 | 12/05/00 | Ma | 370 | 389 | |
| SH | CI | 6,160,809 | 12/12/00 | Adiletta et al. | 370 | 392 | |
| SH | CJ | 6,172,990 | 01/09/01 | Deb et al. | 370 | 474 | |
| SH | CK | 6,243,667 | 06/05/01 | Kerr et al. | 703 | 27 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | |
|----|----|--|
| SH | CL | The Tolly Group, "Foundry Networks, Inc.--BigIron 4000, Layer 2 & Layer 3 Interoperability Evaluation," No. 199133, October 1999, 4 pages. |
| SH | CM | The Tolly Group, "Foundry Networks, Inc.--BigIron 8000 Gigabit Ethernet Switching Router, Layer 2 & Layer 3 Performance Evaluation," No. 199111, May, 1999, 4 pages. |
| | | |
| | | |
| | | |

| | | | |
|----------|-------------|-----------------|------------|
| EXAMINER | /Shick Hom/ | DATE CONSIDERED | 02/07/2007 |
|----------|-------------|-----------------|------------|

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| | | |
|--|--|---|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. FDRY-0006.1-CON | APPLICATION NO. 10/736,680 |
| | APPLICANT Andrew Chang et al. | |
| | FILING DATE December 17, 2003 | GROUP ART UNIT 2616 Examiner Schick Hom |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|---------------------|-------|----------|-------------------------------|
| SH | DA | 6,320,859 | 11/20/01 | Momirov | 370 | 395 | |
| SH | DB | 6,335,932 | 01/01/02 | Kadambi et al. | 370 | 391 | |
| SH | DC | 6,335,935 | 01/01/02 | Kadambi et al. | 370 | 391 | |
| SH | DD | 6,343,072 | 01/29/02 | Bechtolsheim et al. | 370 | 351 | |
| SH | DE | 6,356,942 | 03/12/02 | Bengtsson et al. | 709 | 220 | |
| SH | DF | 6,424,658 | 07/23/02 | Mathur | 370 | 429 | |
| SH | DG | 6,424,659 | 07/23/02 | Viswanadham et al. | 370 | 469 | |
| SH | DH | 6,477,174 | 11/05/02 | Dooley et al. | 370 | 416 | |
| SH | DI | 6,493,347 | 12/10/02 | Sindhu et al. | 370 | 401 | |
| SH | DJ | 6,567,404 | 05/20/03 | Wilford et al. | 370 | 389 | |
| SH | DK | 6,606,300 | 08/12/03 | Blanc et al. | 370 | 229 | |
| SH | DL | 6,643,269 | 11/04/03 | Fan et al. | 370 | 254 | |
| SH | DM | 6,654,370 | 11/25/03 | Quirke et al. | 370 | 389 | |
| SH | DN | 6,658,002 | 12/02/03 | Ross et al. | 370 | 392 | |
| SH | DO | 6,671,275 | 12/30/03 | Wong et al. | 370 | 389 | |
| SH | DP | 6,681,332 | 01/20/04 | Byrne et al. | 713 | 300 | |
| SH | DQ | 6,687,247 | 02/03/04 | Wilford et al. | 370 | 392 | |
| SH | DR | 6,691,202 | 02/10/04 | Vasquez et al. | 710 | 316 | |
| SH | DS | 6,696,917 | 02/24/04 | Heitner et al. | 340 | 2.22 | |
| SH | DT | 6,697,359 | 02/24/04 | George | 370 | 357 | |

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | |
|--|--|--|
| | | |
| | | |

| | |
|--------------------------------|--------------------------------------|
| EXAMINER /Shick Hom/ | DATE CONSIDERED 02/07/2007 |
|--------------------------------|--------------------------------------|

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| | | |
|--|--|---|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. FDRY-0006.1-CON | APPLICATION NO. 10/736,680 |
| | APPLICANT Andrew Chang et al. | |
| | FILING DATE December 17, 2003 | GROUP ART UNIT 2616 Examiner Schick Hom |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|---------------------|-------|----------|-------------------------------|
| SH | EA | 6,700,894 | 03/02/04 | Shung | 370 | 412 | |
| SH | EB | 6,721,313 | 04/13/04 | Van Duyne | 370 | 386 | |
| SH | EC | 6,735,218 | 05/11/04 | Chang et al. | 370 | 471 | |
| SH | ED | 6,751,224 | 06/15/04 | Parruck et al. | 370 | 395.6 | |
| SH | EE | 6,754,881 | 06/22/04 | Kuhlmann et al. | 716 | 16 | |
| SH | EF | 6,775,706 | 08/10/04 | Fukumoto et al. | 709 | 230 | |
| SH | EG | 6,778,546 | 08/17/04 | Epps et al. | 370 | 413 | |
| SH | EH | 6,792,502 | 09/14/04 | Pandya et al. | 711 | 108 | |
| SH | EI | 6,798,740 | 09/28/04 | Senevirathne et al. | 370 | 219 | |
| SH | EJ | 6,804,731 | 10/12/04 | Chang et al. | 710 | 53 | |
| SH | EK | 6,807,363 | 10/19/04 | Abiko et al. | 386 | 68 | |
| SH | EL | 6,813,243 | 11/02/04 | Epps et al. | 370 | 235 | |
| SH | EM | 6,816,467 | 11/09/04 | Muller et al. | 370 | 256 | |
| SH | EN | 6,831,923 | 12/14/04 | Laor et al. | 370 | 412 | |
| SH | EO | 6,839,346 | 01/04/05 | Kametani | 370 | 389 | |
| SH | EP | 6,854,117 | 02/08/05 | Roberts | 718 | 102 | |
| SH | EQ | 6,901,072 | 05/31/05 | Wong | 370 | 389 | |
| SH | ER | 6,925,516 | 08/02/05 | Struhsaker et al. | 710 | 301 | |
| SH | ES | 6,937,606 | 08/30/05 | Basso et al. | 370 | 412 | |
| SH | ET | 6,957,258 | 10/18/05 | Maher, III et al. | 709 | 224 | |
| | | | | | | | |

EXAMINER /Shick Hom/

DATE CONSIDERED 02/07/2007

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | ATTY. DOCKET NO. FDRY-0006.1-CON | | APPLICATION NO. 10/736,680 | |
|---|----|-----------------|----------|---|-------|---|-------------------------------|
| | | | | APPLICANT Andrew Chang et al. | | | |
| | | | | FILING DATE December 17, 2003 | | GROUP ART UNIT 2616 Examiner Schick Hom | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| SH | FA | 2001/0048785 | 12/06/01 | Steinberg | 385 | 20 | |
| SH | FB | 2001/0053150 | 12/20/01 | Clear et al. | 370 | 392 | |
| SH | FC | 2002/0043800 | 03/06/03 | Sonksen et al. | 370 | 389 | |
| SH | FD | 2002/0054594 | 05/09/02 | Hoof et al. | 370 | 389 | |
| SH | FE | 2002/0069294 | 06/06/02 | Herkersdorf et al. | 709 | 238 | |
| SH | FF | 2002/0089977 | 07/11/02 | Chang et al. | 370 | 386 | |
| SH | FG | 2002/0091884 | 07/11/02 | Chang et al. | 710 | 58 | |
| SH | FH | 2002/0097713 | 07/25/02 | Chang et al. | 370 | 369 | |
| SH | FI | 2002/0105966 | 08/08/02 | Patel et al. | 370 | 463 | |
| SH | FJ | 2003/0009466 | 01/09/03 | Ta et al. | 707 | 100 | |
| SH | FK | 2003/0033435 | 02/13/03 | Hanner | 709 | 247 | |
| SH | FL | 2003/0048785 | 03/13/03 | Calvignac et al. | 370 | 392 | |
| SH | FM | 2003/0152084 | 08/14/03 | Lee et al. | 370 | 395.21 | |
| SH | FN | 2003/0215029 | 11/20/03 | Limberg | 375 | 321 | |
| SH | FO | 2004/0179548 | 09/16/04 | Chang et al. | 370 | 471 | |
| SH | FP | 2004/022263 | 02/05/04 | Zhao et al. | 370 | 461 | |
| SH | FQ | 2004/0041684 | 02/24/05 | Reynolds et al. | 370 | 463 | |
| SH | FR | 2005/0089049 | 04/28/05 | Chang et al. | 370 | 396 | |
| SH | FS | 2005/0175018 | 08/11/05 | Wong | 370 | 396 | |
| SH | FT | 10/139,831 | | Davis | | | 05/06/02 |
| SH | FU | 10/139,912 | | Davis et al. | | | 05/06/02 |
| SH | FV | 10/140,088 | | Davis et al. | | | 05/06/02 |
| SH | FW | 10/140,749 | | Davis et al. | | | 05/06/02 |
| SH | FX | 10/140,752 | | Davis | | | 05/06/02 |
| SH | FY | 10/140,753 | | Davis et al. | | | 05/06/02 |
| EXAMINER /Shick Hom/ | | | | DATE CONSIDERED 02/07/2007 | | | |
| * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s). | | | | | | | |